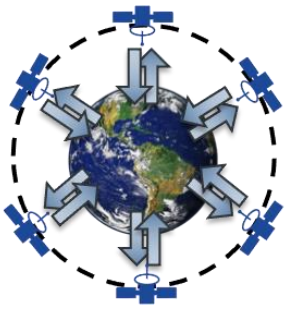

NASA's Decadal Survey
Designated Observable Mission Study:
Surface Deformation and Change (SDC)

AGU Town Hall
Tuesday, December 8th, 2020
0700-0800 Pacific Standard Time (PST)

Please join us!

Shape the outcomes of the 2017 Earth Decadal Survey
Share your insights on synthetic aperture radar and complementary measurements

---

Program *(note that all times listed are in PST)*

0700 – 0710	Welcoming Remarks & SDC Context	G. Bawden (NASA HQ)
0710 – 0720	Study Updates	P. Rosen (JPL) S. Horst (JPL)
0720 – 0730	Science Traceability and Value Assessment	E. Sylak-Glassman (NASA HQ) A. Molthan (MSFC) J. Chrone (LaRC)
0730 – 0735	How Traceability Informs Architectures	S. Oveisgharan (JPL)
0735 – 0800	Feedback, Discussion & Closing Remarks	J. Sauber (GSFC) B. Osmanoglu (GSFC)

In the 2017 Decadal Survey, authors recommended a number of Designated Observables to be addressed over the coming ten years. NASA's Earth Science Division funded a study to explore cost-capped solutions addressing Surface Deformation and Change (SDC) and observables enabled by backscatter measurements. Collaborators across NASA HQ and Centers, Federal agencies, academia, and the ever-growing SAR and remote sensing community embarked upon a 5-year SDC study plan to: 1) Identify architectures and observing systems, 2) assess their effectiveness in meeting SDC objectives, and 3) perform a design study to support Phase A concept studies.

The SDC study is nearing its midpoint, and the team is eager to share its progress with you to get your feedback. Participate to understand our Study Plan, learn of community-focused activities completed in our first two years, and learn of upcoming activities where your continued engagement will be influential.

Questions for our panelists? Feel free to submit them early using this link: SDC Town Hall